NATIONAL IMAGERY TRANSMISSION FORMAT STANDARD (NITFS)
REQUEST FOR CHANGE (RFC)

RFC CONTROL NUMBER **96-018B**
(To be filled in by NTB Secretary)

DATE SUBMITTED 10/30/96 DATE RECEIVED 11/22/96

ORIGINATOR Joint Interoperability Test Command
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MAILING ADDRESS JITC
NITFS CTE FACILITY
ATTN: JTDB
FT HUACHUCA, AZ 85613-7020

ORGANIZATION TYPE Government (DoD)

PRIORITY routine

FUNCTION NITFS Certification test criteria

DOCUMENT NUMBER- JIEO CIRCULAR 9008/30 Jun 1993 PAGE 5-17
DOCUMENT- NITFS CERTIFICATION TEST & EVALUATION PROGRAM PLAN PARAGRAPH 5-9 B - E

PROBLEM DESCRIPTION
Bi-level compression/decompression requirements addressing the number of vertical scan lines in a single block were omitted from the original document. Document does not clearly state whether bi-level supports single or multiple blocks.

RECOMMENDED WORDING
Change the B through C as shown on attached sheet. Add new subparagraph G as shown.

RATIONALE
Correction clarifies the vertical scan line requirements for Bi-Level encoders and decoders. 8192 x 2560 is the maximum size for a single block, bi-level compressed image.

REMARKS
An errata sheet will be inserted into the 30 Jun 93 document. The change will then be incorporated in the next revision of the document.

TOTAL COST OF IMPLEMENTATION
None

PROPOSED TIMEFRAME OF IMPLEMENTATION
Immediately

ANTICIPATED USER IMPACT
None. Simply clarifies what has been implemented and tested to date.

NTB REVIEW DATE

NTB RECOMMENDATION

SUBSTANTIVE ISSUES

DATE SUBMITTED TO NCCB
NTB REVIEW DATE

NTB CHAIRMAN SIGNATURE

NTB DECISION

IMPLEMENTATION DATE

NITFS-CCB FORM 1(REVISION 2)

JITC/JTDB **30 OCTOBER 1996**

REQUEST FOR CHANGE TO JIEO CIRCULAR 9008

RE: Proposed changes to JIEO Circular 9008 modify requirements for bi-leve l compression/decompression.

Section 5, subsection on Image Compression Criteria, Bi-Level

Change the B through E as shown on attached sheet.
B. The SUT encoder supports compression of bi-level images with horizontal scan lines containing up to and including 2560 pixels and ~~vertical scan lines~~ containing up to and including 8192 ~~pixels~~ scan lines as constrained by CLEVEL limits.
C. The SUT decoder supports decompression of bi-level images with horizontal scan lines containing up to and including 2560 pixels and ~~vertical scan lines~~ containing up to and including 8192 ~~pixels~~ scan lines as constrained by CLEVEL limits.

Add the following:
G. Bi-level compressed images ~~by the SUT~~ are always ~~done as~~ a single block; multiple blocks are not allowed ~~for~~ with bi-level compression.